######################################	000000000 0000000000 0000000000 000 000 000 000	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		LLL LLL LLL LLL LLL LLL LLL LLL
FFF	00000000	RRR RRR	RRR RRR	††† †††	
FFF	00000000	RRR RRR	RRR RRR	TTT	LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL

FFFFFFFF FF FF FF FF FF FF FF F	000000 000000 00	RRRRRRRR RRRRRRRR RR RR RR RR RR RR RRRRRR	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	
		\$				

FOR\$JDATE ; Time and Date as long integers 15-SEP-1984 23:54:37 VAX/VMS Macro V04-00 Page 0

(2) 49 HISTORY ; Detailed Current Edit History
(3) 57 DECLARATIONS FOR\$JDATE - return month, day, year as INTEGER\*4

FC FC ST

FC

PS

Pr Copa Spa Spa Cr As

PS Cr As Th 21 Th 20 O

M: 0

: Time and Date as long integers

18

2222222222233333333333344444444444

0000 0000

0000

VAX/VMS Macro V04-00 [FORRTL.SRC]FORJDATE.MAR; 1

Page

(1)

FORSJDATE .TITLE

: Time and Date as long integers : File: FORJDATE.MAR

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; FACILITY: FORTRAN SYSTEM LIBRARY

: ABSTRACT:

Return current month, day, and year as INTEGER\*4 values.

VERSION: 0

HISTORY:

AUTHOR:

Jonathan M. Taylor, 17-Aug-77: Version 0

MODIFIED BY:

57890123456789012345678901 81 EXTERNAL SYMBOLS: MACROS: PSECT DECLARATIONS:
PSECT \_FORSCODE PIC, SHR, LONG, EXE, NOWRT EQUATED SYMBOLS: OWN STORAGE:

none

5E 10 C2 0002 122 50 5E D0 0705 123 0008 124 50 8E 3C 0013 125 50 51 D4 0016 126 51 D4 0016 126 51 D4 0016 126 50 BC 50 D0 0021 128 04 BC 8E 32 0025 129 08 BC 6E 32 0029 130 04 002D 131 002E 133 002E 133 ENTRY FORSJDATE, ^M<IV SUBL #16, SP MOVL SP, RO SNUMTIM\_S (RO) MOVZWL (SP)+, RO CLRL R1 EDIV #100, RO, RO, RO MOVL RO, @12(AP) CVTWL (SP)+, @4(AP) CVTWL (SP)+, @8(AP) RET

save 8 words for \$NUMTIM RO -> data area get system time values RO = 'year since O' as a quadword value RO = two digit year value return year return month return day return

.END

```
0 9
 FORSJDATE
                                                 : Time and Date as long integers
                                                                                                                                               VAX/VMS Macro V04-00
[FORRTL.SRC]FORJDATE.MAR; 1
                                                                                                                                                                                          Page
 Symbol table
                          00000000 RG
 FORSJDATE
                                                01
SYS$NUMTIM
                          *******
                                                                            Psect synopsis
PSECT name
                                                 Allocation
                                                                               PSECT No.
                                                                                               Attributes
 FORSCODE
                                                 00000000
0000002E
                                                                                                                                      LCL NOSHR NOEXE NORD
                                                                                        0.)
                                                                                                                                                                       NOWRT NOVEC BYTE NOWRT NOVEC LONG
                                                                                                  PIC
                                                                                                                     CON
                                                                                                           USR
                                                                       Performance indicators
Phase
                                      Page faults
                                                             CPU Time
                                                                                   Elapsed Time
                                                            00:00:00.06
00:00:00.55
00:00:00.51
00:00:00.00
00:00:00.28
00:00:00.00
                                                                                   00:00:01.34
00:00:04.32
00:00:02.82
00:00:00.00
Initialization
Command processing
                                                  97
Pass 1
Symbol table sort
                                                  38220
Pass 2
                                                                                   00:00:01.34
Symbol table output
                                                                                    00:00:00.01
Psect synopsis output
                                                                                   00:00:00.13
Cross-reference output
Assembler run totals
                                                                                   00:00:09.96
The working set limit was 1050 pages.
1669 bytes (4 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 2 non-local and 0 local symbols.
134 source lines were read in Pass 1, producing 11 object records in Pass 2.
2 pages of virtual memory were used to define 2 macros.
                                                                     Macro library statistics !
```

Macro Library name

Macros defined

\_\$255\$DUA28:[SYSLIB]STARLET.MLB;2

2

13 GETS were required to define 2 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL, TRACEBACK)/LIS=LIS\$: FORJDATE/OBJ=OBJ\$: FORJDATE MSRC\$: FORJDATE/UPDATE=(ENH\$: FORJDATE)

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